

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001820

A. CLASSIFICATION OF SUBJECT MATTER

G 01 N 37/00 G 01 N 21/59 G 01 N 33/28 G 06 F 17/00 G 06 F 17/14 G 06 F 17/40

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC⁷: G 01 N 21/31, 21/35, 33/28, 37/00; G 06 F 17/00, 17/14, 17/40; ECLA: G 01 J 3/44K; G 01 J 3/44; USPC: 250/339.08; 702/25, 702/77

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched.

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used) USPTO West, Canadian Patent Database, Questel-Orbit Pluspat.

Keywords: "suspension", "emulsion", "dispersion", "slurry", "Fourier", "infrared".

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category [#]	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0154036 (GYSLING et al.) 14 August 2003 (14-08-2003) Whole document	1-3,10,11,16,17
X	US 4743339 (FAIX et al.) 10 May 1988 (10-05-1988) Abstract; Figures 1a, 1b, 4a, 4b, 5-8; Column 1, lines 6-10; Column 1, line 52 to Column 2, line 39; Column 3, lines 1-10	1,2,4-10
Y		11,12
X	WO 97/14953 (VAN DOORN et al.) 24 April 1997 (24-04-1997) Whole document	1,2,4,5,10
Y		11,12
X	WO 92/17767 (JALKANEN). 15 October 1992 (15-10-1992) Abstract; Figures 1 and 2; pages 1, 4, 5, 7, 8	1,2,4,5,10
Y		11,12
X	EP 727671 (NUSS) 21 August 1996 (21-08-1996) Whole document	1,2,4,5,13,35,43
Y		14,15,44,45

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

- * Special categories of cited documents :
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international-type search
18 January 2005 (18-01-2005)

Date of mailing of the international-type search report
24 February 2005 (24-02-2005)

Name and mailing address of the ISA/CA
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2443098 (ANDERSON et al.) 24 October 2002 (24-10-2002) Figures 12-16; page 2, lines 1-7 and 10-29; page 11, line 5 to page 13, line 27; page 15, line 28 to page 16, line 2; page 17, line 15 to page 19, line 4; page 28, line 19 to page 34, line 17; page 36, line 9 to page 38, line 11; page 39, lines 16-27; pages 56-59	1,2,4-6,10-19,21-25,35
Y		20,26,27,32-34,43-45
X	CA 2337888 (ALDRICH et al.) 17 February 2000 (17-02-2000) Abstract: page 1; pages 3-6; pages 9 and 10; pages 13, 15, and 16	1,2,4-10,16-19,22,23
Y		11,12,20,24-27,29-31
Y	CA 2470477 (LEMMON et al.) 10 July 2003 (10-07-2003) Figures 10,12,17,19,21; pages 1,5,6,9,10	26,27,29-34
A	CA 2254376 (TAGUCHI) 25 May 1999 (25-05-1999) Figure 3; pages 11-14, and 18	36,39
Y	T. Theophanides (ed.) Fourier Transform Infrared Spectroscopy. Reidel Publishing, Boston, 1984. pages 56-64, 125-135, 159-166	11,12,14,15,20,24,25,29-34,44,45

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CA2004/001820

Patent Document Cited in Search Report	Publication Date	Patent Family Members	Publication Date
US 2003/0154036	14-08-2003	CA 2474071 EP 1476727 EP 1481223 WO 03/062759 WO 03/091671	31-07-2003 17-11-2004 01-12-2004 31-07-2003 06-11-2003
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